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Basic Features

- 100% Web-Based Solution / Zero Footprint
- Rich GIS & Mapping Capabilities
- Powerful Reporting and Data Tools
- Mobile Platform & APIs
- Client Configurable
  - Database Structure
  - Calculations
  - Analysis Variables & Functions
  - Look & Feel
AgileAssets Product Portfolio

AgileAssets Analyst Products
- Pavement Analyst™
- Bridge Analyst™
- Safety Analyst™
- Mobility Analyst™

AgileAssets Core System Foundation
- System Foundation
  (Configuration, GIS, Reporting, etc.)

AgileAssets Manager Products
- Maintenance Manager™
- Bridge Inspector™
- Sign Manager™
- Facilities Manager™
- Fleet & Equipment Manager™
- ITS-Telecom Manager™

AgileAssets Trade-Off Analyst™
- Analysis Across Programs
- And Asset Types

Mobile Device Applications
- Network Manager
- (FDC, PDAs, Tablets)
Key Concepts

- **Pavement Analyst™** answers the questions
  - What pavement assets do I own?
  - What attributes do they have?
  - What condition are they in?
  - At what rate are they deteriorating?
  - What is the trend under different levels of funding?
  - What funding levels are needed to maintain different levels of service?
  
- What set of MR&R treatments over time gives me the best possible outcome based on my constraints?
Pavement Analyst™ System Overview

• Decision support tool for managing pavements (pavement networks)
• Powerful analysis and optimization tools
• Storing, retrieving, processing & reporting data
• User-defined and configured
• Shows you:
  – Current conditions
  – Future performance
  – Expected needs
• Integrated data and Decisions
AgileAssets Analytics

- AgileAssets analysis engine supports several types of analyses:
  
  - **Ranking Methods**
    - Worst First
    - Custom Prioritization
    - Incremental Benefit
  
  - **Optimization Methods**
    - Analyze Multiple Constraints
    - Single and Combined Objectives
    - Section Strategy Analysis
Key Benefits

• State of the art Optimization analysis
  – Integer programming
  – OPTIMAL work plans, not worst-first or simple ranking

• Greater flexibility than prioritization, benefit cost, and ranking analysis
  – Analyze Multiple Constraints at once
    • Maintaining average condition and cap deficient mileage
    • Meet a budget constraint and limit on deficient mileage
  – Subdivide Constraints within the same Scenario
    • Specify minimum condition by functional class
    • Break down budgets by treatment type (Rehab, Preservation, Reconstruction)